



Submitted Electronically

January 27, 2022

New Mexico Senate Tax, Business and Transportation Committee
490 Old Santa Fe Trail
Santa Fe, NM 87501

RE: Supporting Passage of Senate Bill 14 as Written

Dear Chair Shendo, Jr. and committee members,

Tesla's mission is to accelerate the world's transition to sustainable energy. Despite irrational laws which prohibit manufacturer-direct sales and service in New Mexico, Tesla has invested over \$2M in charging solutions, vehicle service capacity on tribal land, and destination charging stations. The Tesla DC fast charging network in New Mexico currently includes 10 locations with 68 charging ports. Additionally, we've also invested in 23 level 2 charging stations with 38 ports.

Tesla supports adoption of a Clean Fuel Standard (CFS) and applauds the Governor and other state leaders for recognizing the need for carbon-based standards to accelerate the transition to a sustainable energy future. Designed to be technology neutral and performance based, adopting SB 14 can, as has been proven elsewhere¹, result in reducing emissions within New Mexico and accelerating the use of electricity as a transportation fuel.

The fully Electric vehicles (EVs) we manufacture and sell are much cleaner than internal combustion engine (ICE) cars over their lifetime. As the Union of Concerned Scientists concludes, "the average EV is cleaner than the average new gasoline vehicle everywhere in the US. But if you choose the most efficient EV available, your emissions reductions from switching

¹ <https://ww2.arb.ca.gov/news/cleaner-fuels-have-now-replaced-more-3-billion-gallons-diesel-fuel-under-low-carbon-fuel>

from gasoline to electricity will be even higher.” This is due largely to two factors: EVs do not emit tailpipe pollution, and they are much more efficient in terms of onboard energy usage because an electric motor is much more efficient than a gasoline engine. According to the Department of Energy, Alternative Fuels Data Center, emissions from each all electric vehicle in New Mexico (accessed January, 2022²) are approximately 47% of those from of internal combustion engine (ICE) vehicles. Furthermore, as the electric generating sector in NM reduces emissions further through increasing use of renewable energy, the emission performance of EVs will only improve.

According to a 2016 World Bank report, 5.5 million premature deaths worldwide (1 in every 10 deaths were attributable to air pollution and cost the global economy more than \$5 trillion in 2016). Furthermore, the negative effects of air pollution disproportionately harm the most vulnerable populations, including children, the elderly, and residents in low-income and disadvantaged communities. SB 14 is one critical step in addressing environmental and critical public health issues facing New Mexico. We ask you to support SB 14 as written, to help address these issues.

Respectfully,

Thad Kurowski

Tesla, Inc.
1333 H Street NW, Floor 11 West
Washington, DC 20005
Telephone: (720) 660-0235
E-mail: tkurowski@tesla.com

² <https://afdc.energy.gov/states/nm>